

**I- Read the following text then do the tasks below:**

When we talk about animal migration, we mean the movement of an animal from the place where it has been living to a different place and the return journey to that animal's original home. Most animal migrations are recurrent events which happen at certain times of the year. Animals usually migrate to find food or to raise their young. Incredibly, most migrating animals follow the same route every year and from generation to generation. Land animals may cross mountains or forge through rivers, while birds and insects travel extensive distances, sometimes across continents and oceans. Fish and other sea creatures may migrate halfway round the world. For example, the grey whale can travel as much as 20,000 kilometres. Many animals migrate to northern regions during the northern summer because the long summer days mean that there is always plenty of food. In the autumn, when the weather gets colder, many animals migrate south to find food and warmer weather (the southern summer). Some animals migrate every year, doing the two journeys in one year, but others migrate only if they need to find food or for more temperate weather.

**Answer the following questions: (18 marks)**

1. Which animals travel the most?
2. For what reasons do animals migrate?
3. When do animals migrate south?

**Find words in the text which mean the following: (10 marks)**

4. advance steadily
5. occurring often or repeatedly

**Rewrite these sentences about the text to correct the information: (12 marks)**

6. Animal migration always involves returning the same season.
7. Over the years, migrating animals have changed their migration route.

**II- Read the following text then do the tasks below:**

People have probably been asking questions about the world around them since they first **developed** the power of speech many thousands of years ago, but it is only relatively recently that what we call 'science' has been widely practised. Indeed, the word 'scientist' was **coined** less than two hundred years ago. Previously, individuals whom we would call scientists were known in the English-speaking world as natural philosophers.

The origins of science are uncertain. From 3500 BCE the people of Sumer, a civilisation from the area that is now Iraq, began to record accurate and thorough measurements of the world around them. The ancient Egyptians developed the study of astronomy, mathematics, geometry and medicine. Later, in ancient Greece, Aristotle took some steps towards adopting the empirical method, which dictates that all theories must be tested against observations in the natural world.

India was also an early cradle of scientific thought. For example, Aryabhata (476–550 CE) worked out an accurate model of gravitation, based on the sun as centre of the solar system. China also has a proud and impressive history of scientific thought and discovery. Sometimes known as the 'four great inventions of China', gunpowder, papermaking, printing and the compass **irrevocably** changed warfare, communication and navigation.

**Choose the correct answer a, b or c: (12 marks)**

8. Historians are.....about the beginnings of science.  
a. certain                      b. sure                      c. unsure
9. Aryabhata proved that the ..... goes round the.....  
a. Earth / sun              b. sun / Earth              c. sun / moon

**Match two of the underlined words from the text to the definitions below: (12 marks)**

10. invented a new word or phrase
11. done in a way that cannot be changed

**Complete the following sentences with information from the text: (12 marks)**

12. According to Aristotle, theories cannot be proved unless they are.....
13. Warfare, communication and navigation were changed by.....

**III- Complete the following paragraph by filling in the gaps: (18 marks)**

14. I had gone to bed just after midnight and I ..... only half-asleep when the wind started blowing.
15. Ten minutes later, my bedroom window shattered ..... a terrible crash.
16. Immediately, I leapt out of bed and rushed to my brothers' bedroom to check ..... Tareq and Hani were all right.

**IV- Fill in the spaces with words from the list. Use each word once only: (24 marks)**

**swinging - made - against - strange - point**

17. At the age of eighteen, Galileo ..... his first discovery.
18. He was in a church when he heard a ..... noise.
19. He noticed that an oil lamp was ..... backwards and forwards.
20. He also heard the lamp's chain hitting ..... the wall.

**V- Complete the following dialogue by writing suitable questions or answers. Write at least three words for each question: (32 marks)**

21. Rana:.....?  
Maya: My brother, Hani, travelled to Australia.
22. Rana:.....?  
Maya: He is studying medicine there.
23. Rana:.....?  
Maya: He has been there for 5 years.
- Rana: What are the advantages of moving abroad?
24. Maya:.....

**VI- Rewrite the following sentences as required in brackets: (32 marks)**

25. The phone is ringing.  
(It's probably your brother.) (use might)
26. I can't remember where I left the newspaper.  
(use wish)
27. Trees are usually cut down. We make more agricultural land.  
(Use in order to)
28. We've **faced** serious problems in our plan to recycle rubbish.  
(use a three-part phrasal verb)

**VII- Complete the following sentences using clauses: (14 marks)**

29. When Laila read the letter, .....
30. She will be punished if.....

**VIII- Choose the correct word in brackets: (18 marks)**

31. These workers were able to find a better life and help with the (**development-develop**) of the region.
32. Countries need extra farming land (**so that-in order to**) grow food for the growing populations.
33. I am (**running out-of-looking forward to**) the summer holidays in Syria.

**IX- Correct the verbs in brackets: (18 marks)**

34. A country where the sun always (**shine**) has a dry climate.
35. Sofia (**arrive**) in England from Poland seven years ago.
36. I (**dream**) of visiting China for many years. Last year I spent two months there.

**X- Translation:**

**37. Translate the following sentence into Arabic: (10 marks)**

- The medical kit on board the International Space Station treats only minor injuries.

**38. Translate the following sentence into English: (8 marks)**

- تُدمّر بعض الأنشطة البشرية العالم الطبيعي.

**XI- Composition: (50 marks)**

**Write a composition of no less than 80 words on the following topic:**

*Do you think companies should allow their employees to use work computers for their own purposes?*

**End of Questions**